

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions and listings of claims in the application.

1. (Original) A method of preparing an ethylene polymerization catalyst, comprising:

- (a) (a1) reacting magnesium halide with alcohol in the presence of a hydrocarbon solvent,
 - (a2) reacting the resulting product solution from the step (a1) with dialkylmagnesium, and
 - (a3) reacting the resulting product from the step (a2) with alkyl halide or silane halide, to give a magnesium complex;
- (b) reacting the magnesium complex with a titanium compound, to give a magnesium-titanium complex; and
- (c) reacting the magnesium-titanium complex with an electron donor.

2. (Original) The method as set forth in claim 1, wherein the magnesium halide is a compound represented by a formula of MgX_2 , in which X is a halogen element belonging to Group VII in the periodic table.

3. (Original) The method as set forth in claim 1, wherein the alcohol is a compound represented by a formula of R^1OH , in which R^1 is an alkyl radical having 1 to 10 carbons.

